

DIG, DIG, DIG!!!

OBJECTIVE: Using fossils evidence to describe an environment from the past
(Check for Understanding 05007.5.4)

GRADE: 5th Grade

CONTENT AREA: Biodiversity and Change

CONTENT STANDARD: Explain how fossils provide information about the past
(SPI 0507.5.2)

GRADE LEVEL EXPECTATION: Investigate physical characteristics associated with
different groups of animals.
(GLE 0507.5.1)

PERFORMANCE INDICATOR: Explain how fossils provide information about the past
(SPI 0507.5.2)

BACK GROUND KNOWELDEGE FOR TEACHER: Teacher should have knowledge of how to use fossils and how to tell things about them. Teacher should also have knowledge about animals' parts, environment, etc. Not only animals need to be known about, but plants need to be known about too. Teachers should have knowledge about different environments.

MATERIALS: box, many objects (fossils {real and made fossils} and non-fossils), plastic bag, spoon, fork, tooth brush, sand, worksheet, and newspaper

SET-UP:

1. Put down newspaper
2. Put box on newspaper
3. Pour sand into box
4. Hide objects in box (make sure to mix them up)
5. Put sand that is on the newspaper in the box
6. Put spoon, toothbrush, and fork in plastic bag
7. Lay plastic bag with items inside on top of sand
8. Fold newspaper and lay inside box
9. Cover with lid
10. Put appropriate worksheet with box

DIRECTIONS:

***MAKE SURE TO HAVE APPROPRIATE WORKSHEET (Dig! Dig! Dig!)**

1. Put down newspaper
2. Put box in center of newspaper
3. Open box
4. Get tools (Plastic bag with tooth brush, fork, and spoon)
5. Use the tools for digging (Spoon and Fork)
6. When object is found use toothbrush to brush sand off to see the object clearer

7. Dig up to 6 objects
8. Follow directions on worksheet

ASSESSMENT: See page 2 of Worksheet

CLEAN UP:

1. Put objects back in sand in random spots (MAKE SURE THEY ARE ALL COVERED WITH SAND)
2. Put sand back in box that is on newspaper
3. Fold newspaper
4. Clean off spoon and fork
5. Put spoon, toothbrush, and fork in plastic bag
6. Put plastic bag with tools on top of sand
7. Lay newspaper inside box
8. Put lid on box
9. Turn in worksheet

OTHER WAYS TO USE THE BOX:

1. Math:
To practice graphing use string to create tic-tac-toe lines. Have students label where they found the fossil by using the lines as a grid.
2. Science:
Use to describe an animal's environment.
3. Social Studies:
Can be used to describe Archaeology
4. Language Arts:
Use the box for kids to explore. Let them find one object and make up a story about the object they found.

REFERENCES:

None